

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057088.D
 Acq On : 20 Dec 2023 13:39
 Operator : MD/SY
 Sample : 05865-12DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C77DL

Quant Time: Dec 20 23:44:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

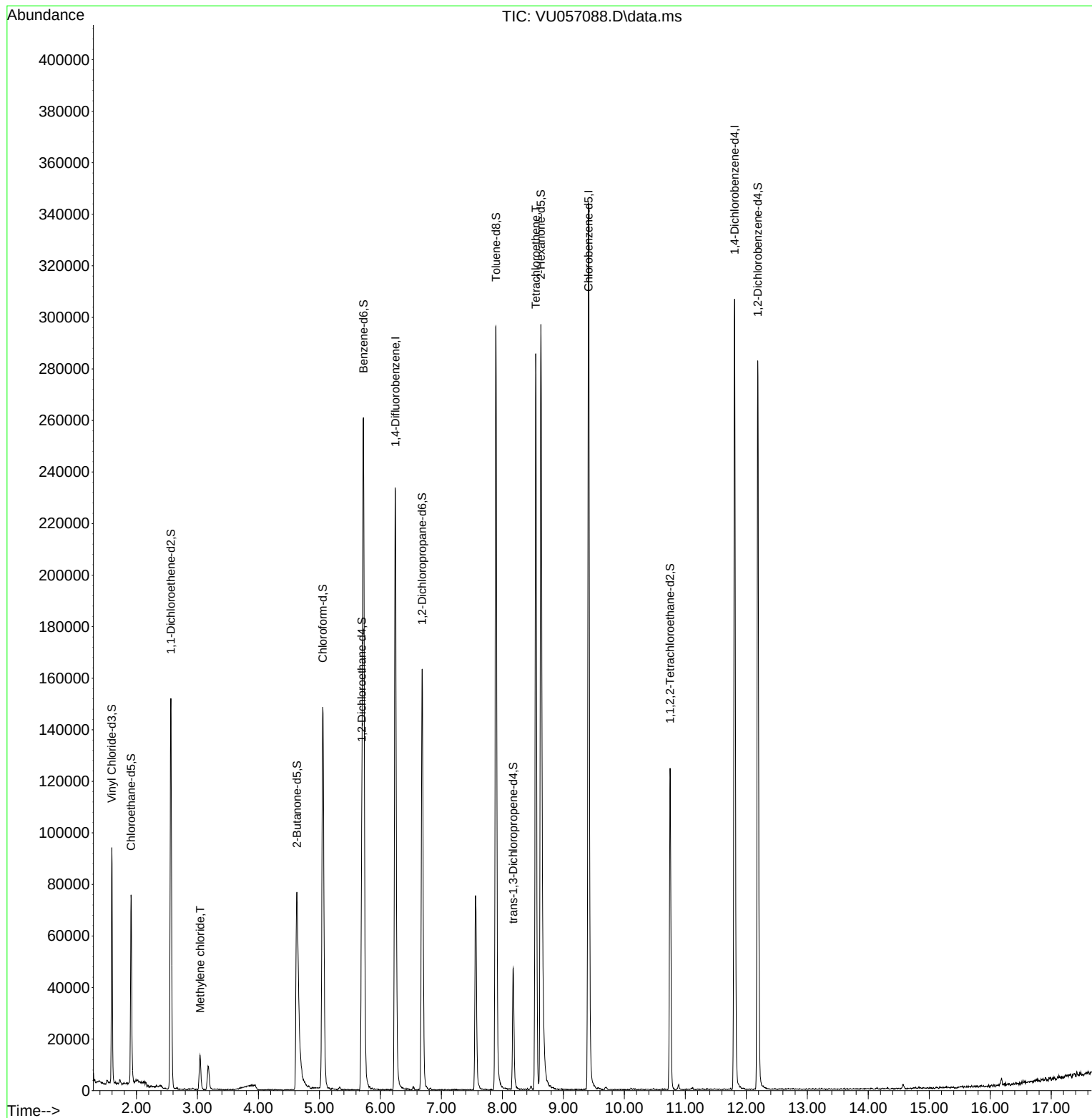
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	189308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	194738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63170	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.911	69	55449	4.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	29193	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.631	46	134832	42.075	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.140%
24) Chloroform-d	5.055	84	143899	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	68389	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	247648	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.685	67	77228	4.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.894	98	208073	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.177	79	29776	4.061	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.631	63	104153	37.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59985	4.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	74425	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
16) Methylene chloride	3.046	84	6531	0.390	ug/L	88
47) Tetrachloroethene	8.547	164	59755	4.548	ug/L	96

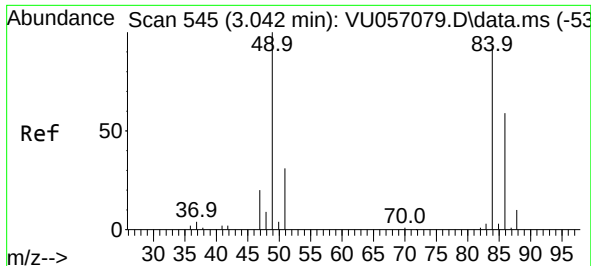
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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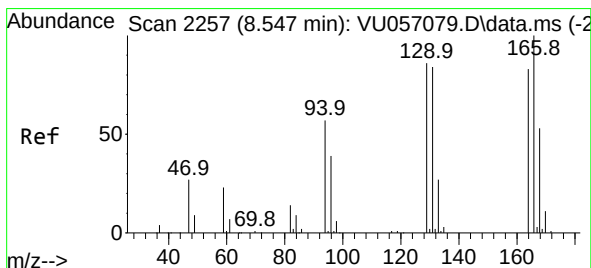
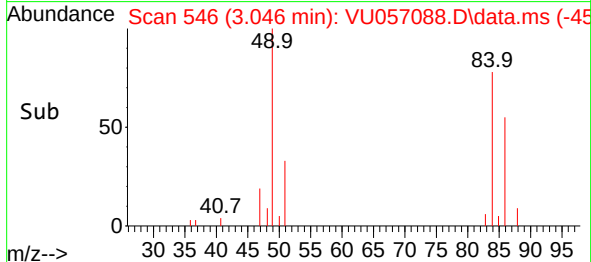
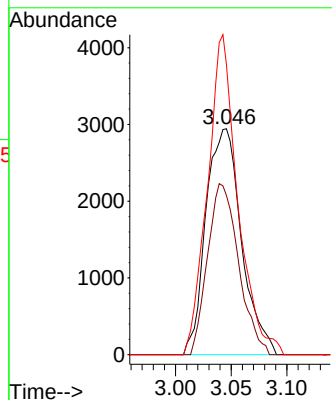
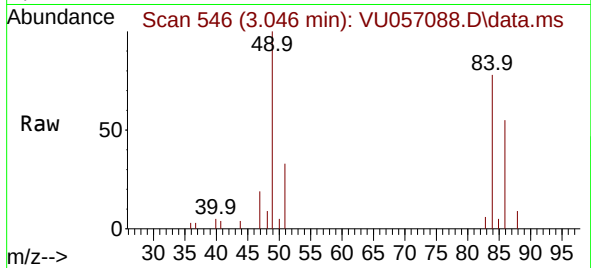




#16
Methylene chloride
Concen: 0.390 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
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Tgt Ion: 84 Resp: 6531
Ion Ratio Lower Upper
84 100
86 70.4 43.6 81.0
49 128.4 80.6 149.6



#47
Tetrachloroethene
Concen: 4.548 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057088.D
Acq: 20 Dec 2023 13:39

Tgt Ion:164 Resp: 59755
Ion Ratio Lower Upper
164 100
129 106.5 73.4 136.4
131 98.3 71.5 132.9
166 125.4 92.7 172.1

